

Method of protecting surfaces of glass substrates

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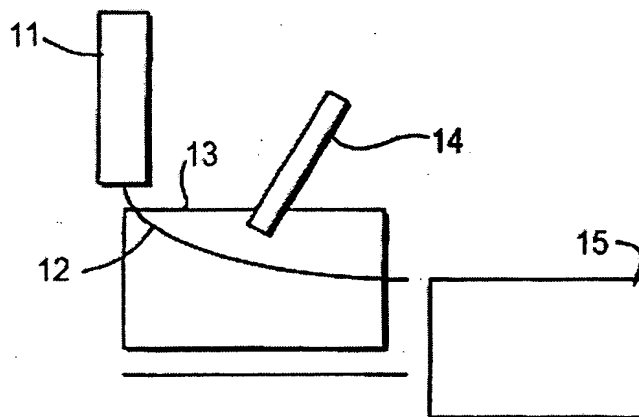
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Abstract not available for DE19906333

Abstract of correspondent: **US6491972**

A method of protecting a surface of a display glass or a hard disk substrate during processing and transport includes applying at least one polyvinyl alcohol or other polymer protective layer on the surface, which is soluble in polar organic solvents, so that the layer can be removed after processing and transport by washing in heated water or a polar organic solvent without leaving residues on the surface. The polyvinyl alcohol used to make the protective coating has an average molecular weight of \geq about 60,000 g/mol and a hydrolysis degree of $\geq 95\%$ and the at least one polyvinyl alcohol layer is dried by heating at temperatures of about 150 C. or less to form the protective coating after applying the polyvinyl alcohol layer. The other polymers are less soluble in water than polyvinyl alcohol but are easily removed with organic solvent



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